

Fig. 1a

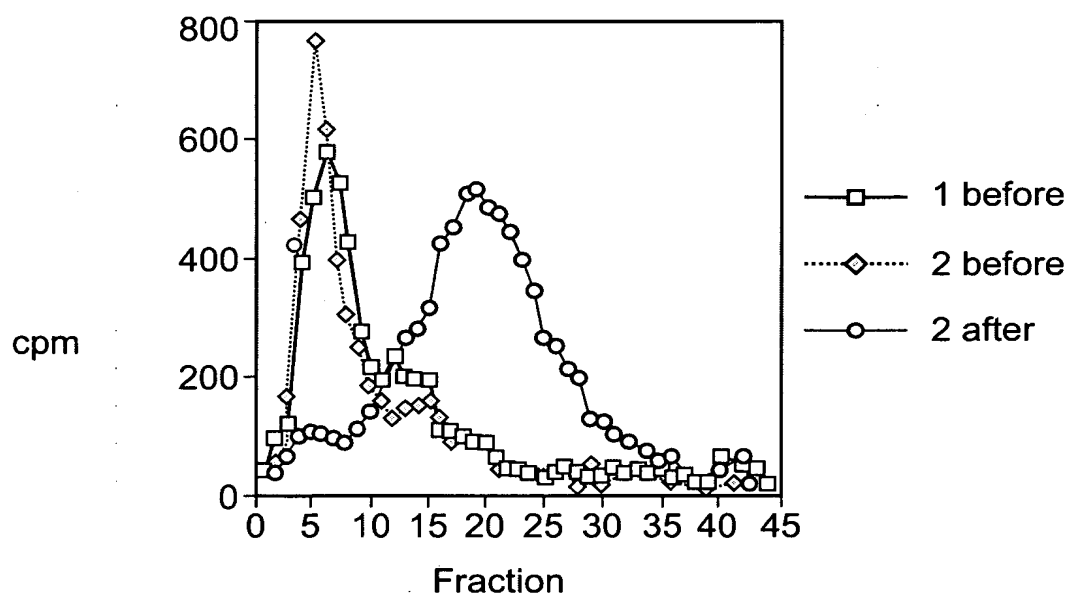


Fig. 1b

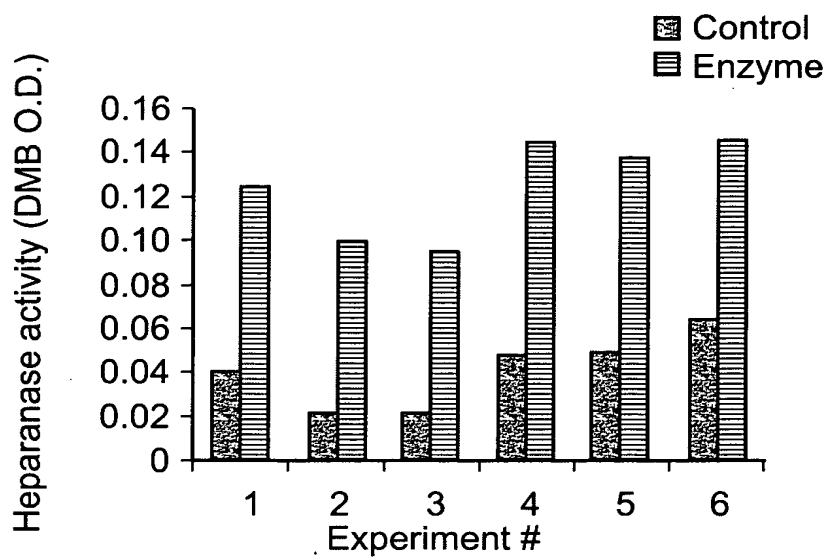
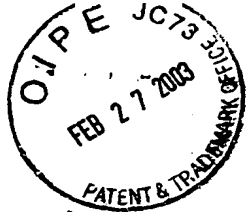
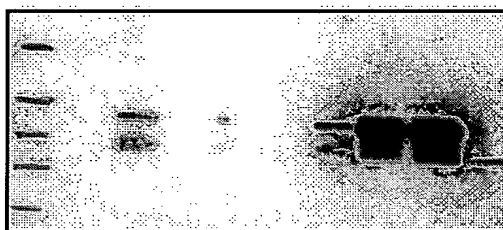


Fig. 2a

Cell attachment
Heparanase

T T 1E 1E 2E 2E
kDa - + - + - + Cb Cb Cc



T = Trypsin

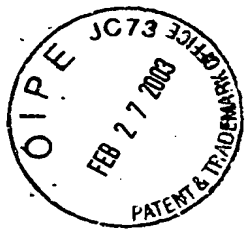
1E = 1mM EDTA

2E = 2mM EDTA

Cb = Control, purified heparanase from baculovirus, p60

Cc = Control, purified heparanase from CHO cells, p45

Fig. 2b



Heparanase adherence to cells requires the presence of GAGs

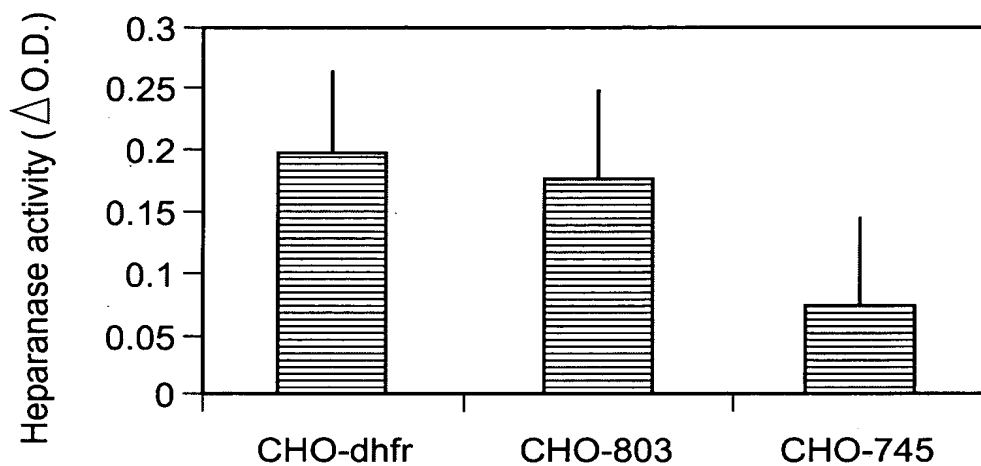
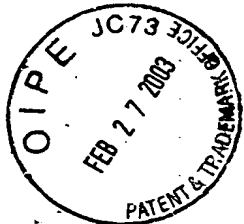


Fig. 3

Sample	O.D. - sample	O.D. - blank	Δ O.D.
B16-F1	0.1245	0.0422	0.0823
B16-F1 transfected	0.1671	0.0303	0.1366
B16-F1 adhered	0.4448	0.0321	0.4127
Control b22	0.2258	0.1163	0.1095

Fig. 4a



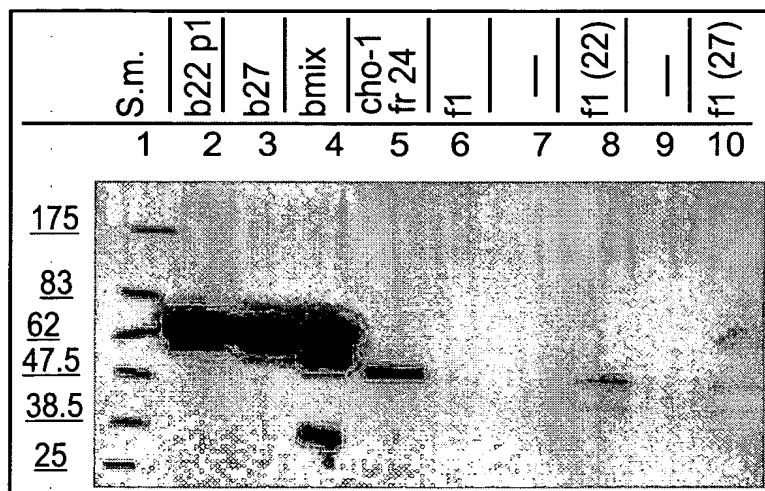
B16-F1 cells
Heparanase - +b22 +b27 C



b22, b27, bmix = control, purified baculo heparanase (p60), different batches.
c = control, purified CHO heparanase (p45)
C = Control, substrate only

Fig. 4b

CONTROL B16-F1 cells
Heparanase kDa b22 b27 bmix c - +b22 +b27



← p60
← p45
← non-specific

Fig. 4c

Sample #	Time of incubation with heparanase	Cell detachment from culture plate	O.D. - sample	Δ O.D.
1	0	Trypsin	0.1291	
2	15 min	Trypsin	0.1777	0.0486
3	60 min	Trypsin	0.318	0.1847
4	180 min	Trypsin	0.3633	0.2342
5	0	1mM EDTA	0.1370	
6	180 min	1mM EDTA	0.3754	0.2384

Fig. 5a

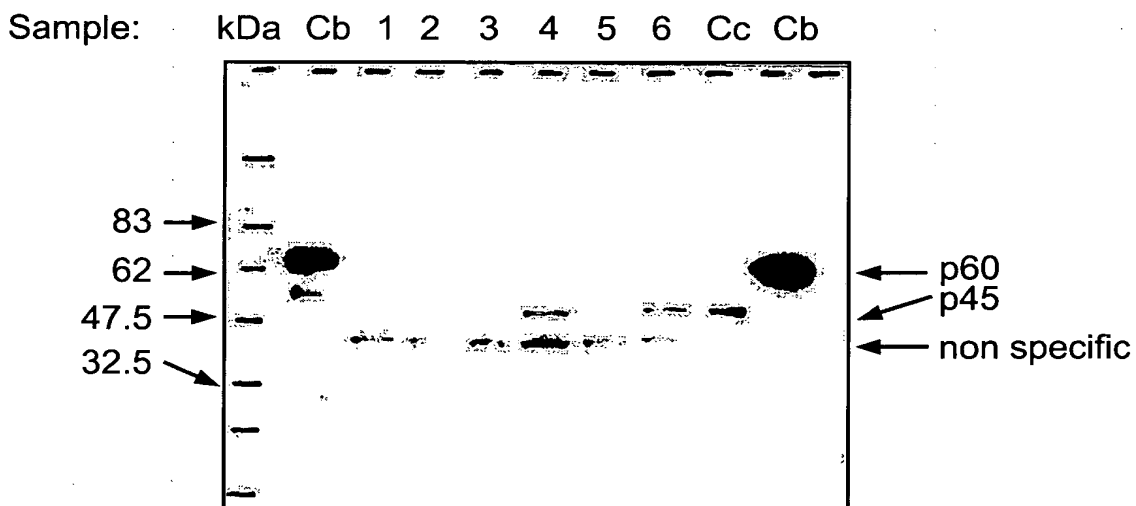


Fig. 5b

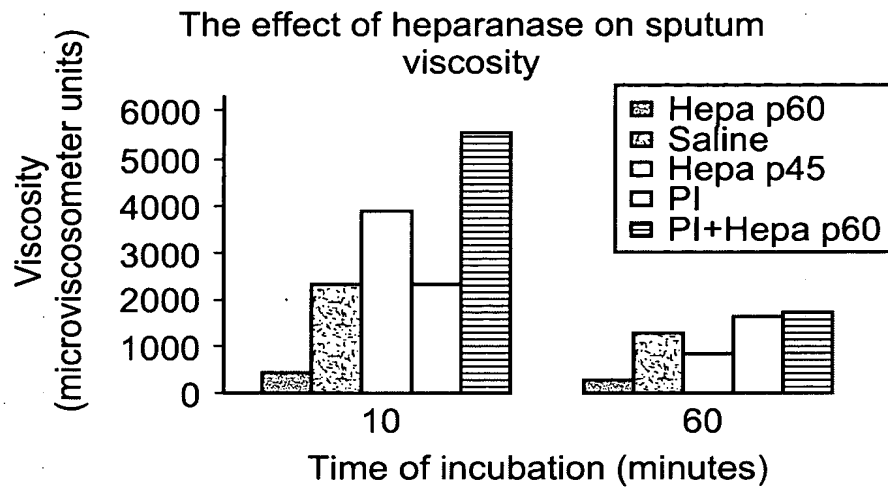


Fig. 6a

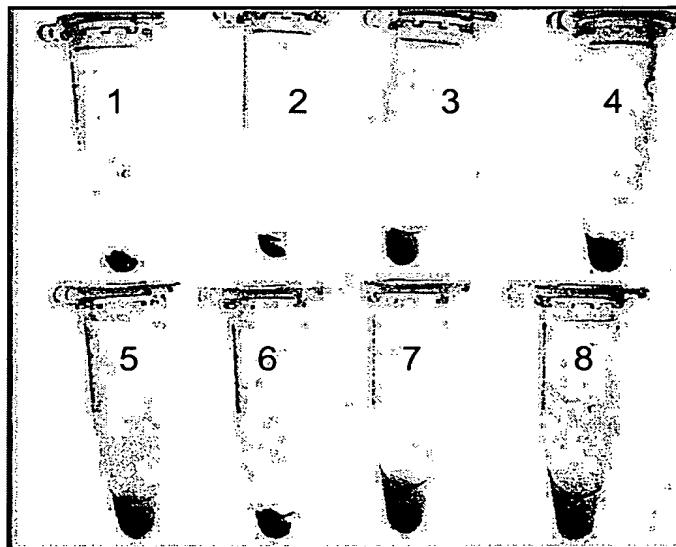
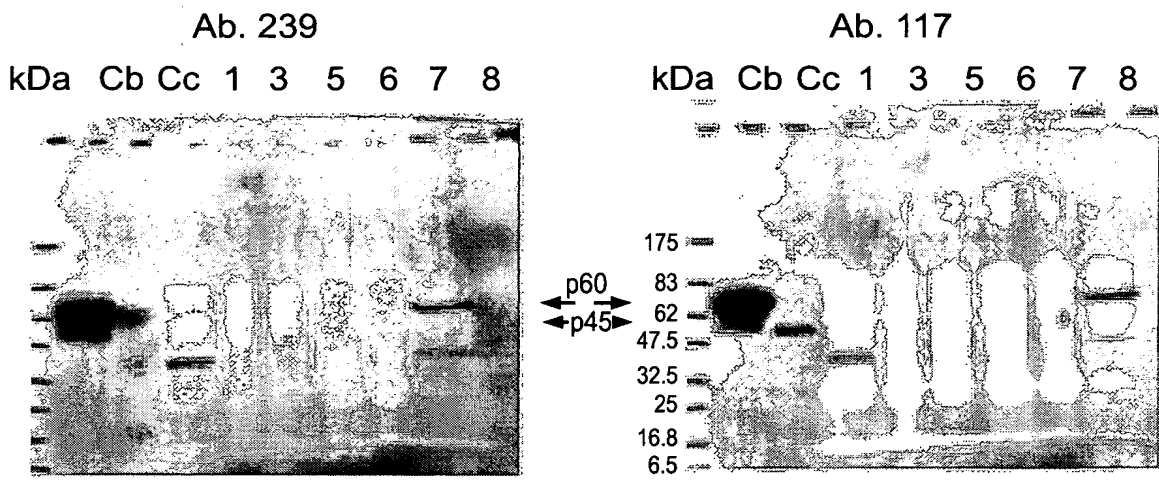


Fig. 6b



Cb = Control, from baculovirus, p60. **Cc** = Control, from CHO cells, p45.

Fig. 6c

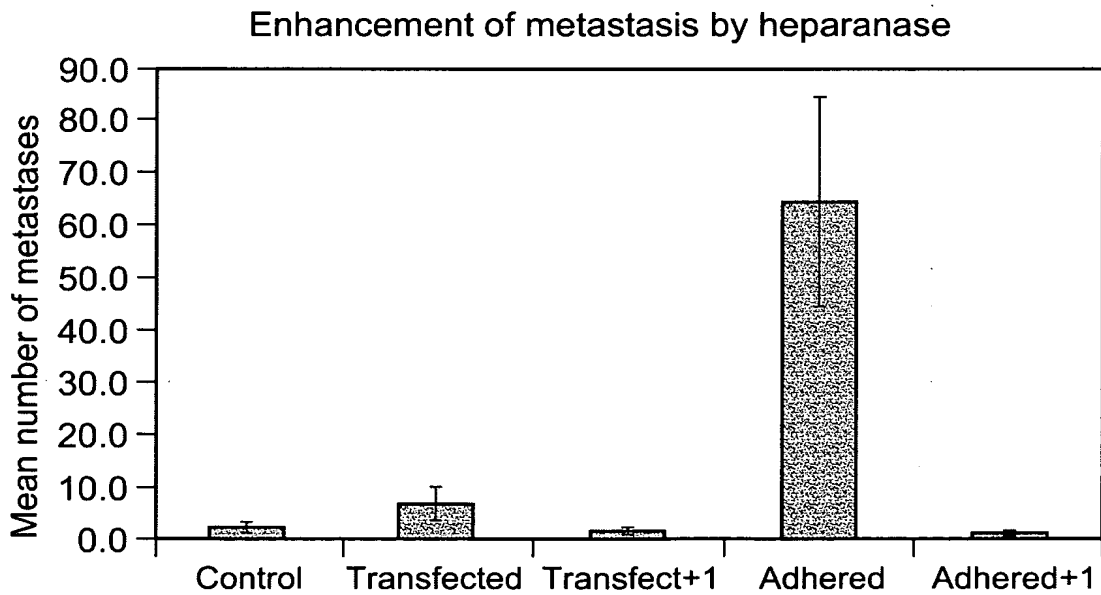


Fig. 7

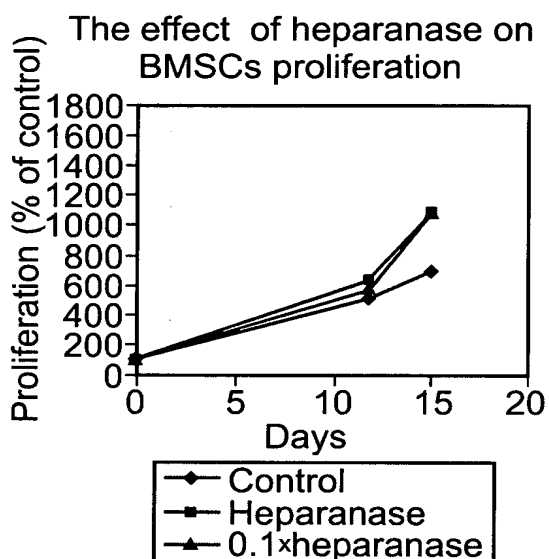
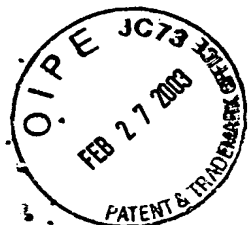


Fig. 8a

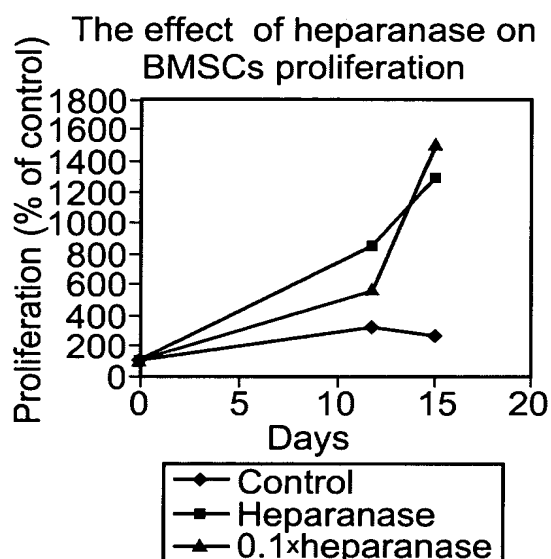


Fig. 8b

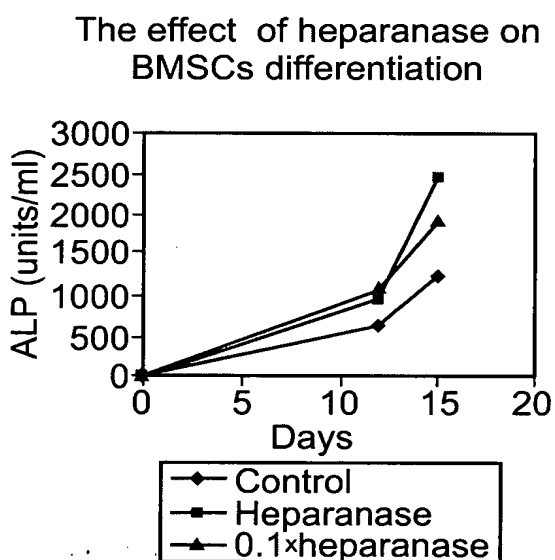


Fig. 8c

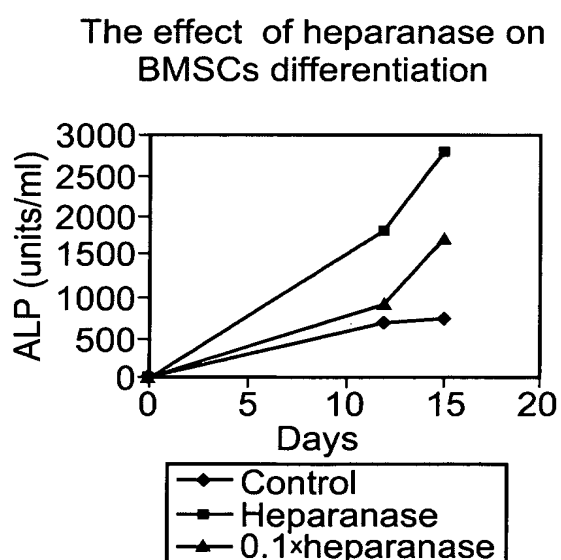


Fig. 8d

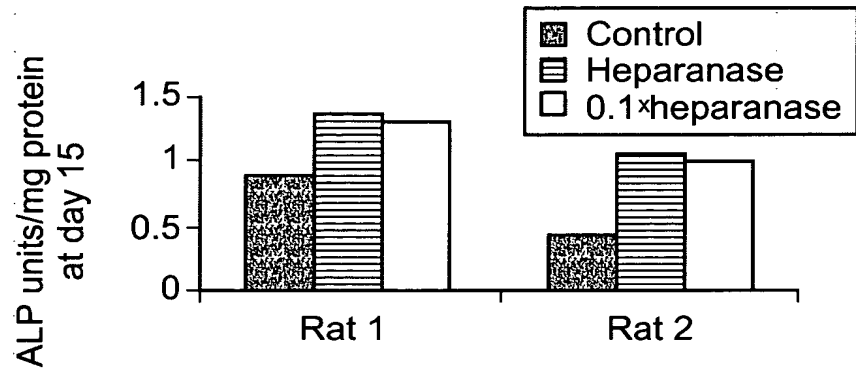


Fig. 8e

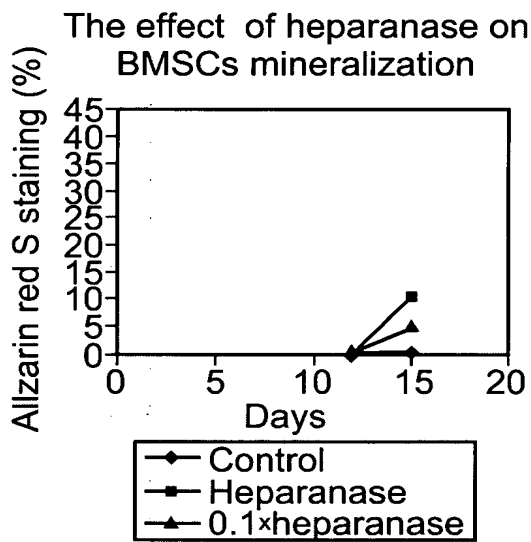


Fig. 8f

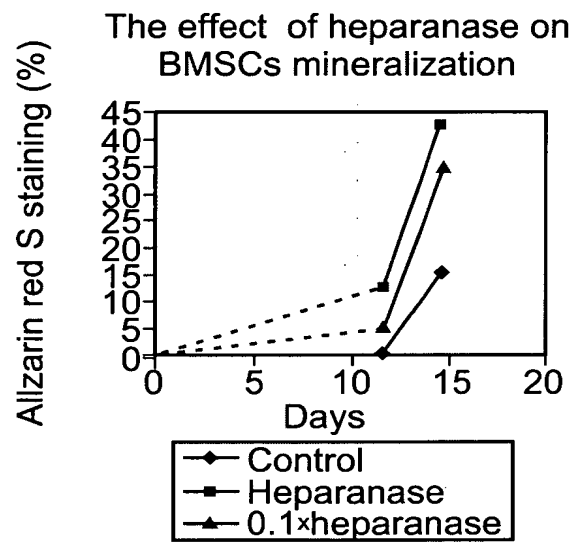


Fig. 8g